

```
CREATE CONSTRAINT EmailIsUnique on (p:Person) ASSERT p.email IS UNIQUE
```

```
CREATE CONSTRAINT UsernameIsUnique on (p:Person) ASSERT p.user IS  
UNIQUE
```

```
CREATE CONSTRAINT SongIdIsUnique ON (s:Song) ASSERT s.id IS UNIQUE
```

```
LOAD CSV WITH HEADERS FROM 'file:///cancionesDef.csv' AS row
```

```
MERGE (s:Song {id: toInteger(row.id)})
```

```
ON CREATE SET
```

```
    s.title = row.title,  
    s.artist = row.artist,  
    s.bpm = toFloat(row.bpm),  
    s.energy = toFloat(row.energy),  
    s.idSpotify = row.idSpotify,  
    s.genre = row.genre,  
    s.preview = row.preview,  
    s.cover = row.cover,  
    s.date = row.date
```

```
LOAD CSV WITH HEADERS FROM 'file:///relacionesDef.csv' AS row
```

```
MATCH (s:Song {id: toInteger(row.idA)}) MATCH
```

```
(t:Song {id: toInteger(row.idB)})
```

```
MERGE (s)-[:RELATED]-(t)
```

```
CALL gds.graph.create.cypher(  
    'grafoCanciones',  
    'MATCH (s:Song) RETURN id(s) as id',  
    'MATCH (s:Song)-[:RELATED]-(t:Song) RETURN id(s) AS source, id(t)  
AS target')
```

```
YIELD graphName AS graph, nodeQuery, nodeCount AS nodes,  
relationshipQuery, relationshipCount AS rels
```